

WATER WELL RECORD Form WWC-5

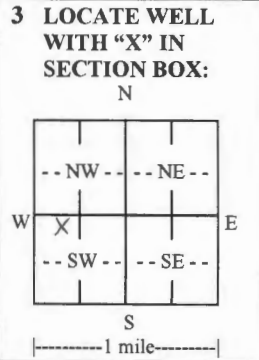
Division of Water Resources App. No.

Well ID TMW17

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: **Seward** Fraction: **NE 1/4 NE 1/4 NW 1/4 SW 1/4** Section Number: **4** Township Number: **T 35 S** Range Number: **R 33** E W

2 WELL OWNER: Last Name: **Jim Madden** First: **Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:**
 Business: **Jim Madden** Address: **32684 Upper Bear Creek Ct.** N. Park Well, Liberal
 Address: **City: Evergreen State: CO ZIP: 80439**



4 DEPTH OF COMPLETED WELL: **210** ft.
 Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft., or 4) Dry Well
WELL'S STATIC WATER LEVEL: **187.24** ft.
 below land surface, measured on (mo-day-yr) **8/1/19**
 above land surface, measured on (mo-day-yr)
 Pump test data: Well water was ft.
 after hours pumping gpm
 Well water was ft.
 after hours pumping gpm
 Estimated Yield: gpm
 Bore Hole Diameter: **8.75** in. to **213** ft. and
 in. to ft.

5 Latitude: **37.03216** (decimal degrees)
Longitude: **-100.91880** (decimal degrees)
 Horizontal Datum: WGS 84 NAD 83 NAD 27
 Source for Latitude/Longitude:
 GPS (unit make/model: **iGage iG8 Base/Rover**)
 (WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper:
6 Elevation: **2838.44** ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

| | | | | | | | | | | | | | |
|--|--|-------------------------------------|--|--|---|---|---|---|--|--|------------------------------|---------------------------------------|---|
| 1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock | 2. <input type="checkbox"/> Irrigation | 3. <input type="checkbox"/> Feedlot | 4. <input type="checkbox"/> Industrial | 5. <input type="checkbox"/> Public Water Supply: well ID | 6. <input type="checkbox"/> Dewatering: how many wells? | 7. <input type="checkbox"/> Aquifer Recharge: well ID | 8. <input checked="" type="checkbox"/> Monitoring: well ID TMW17 | 9. Environmental Remediation: well ID | <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection | 10. <input type="checkbox"/> Oil Field Water Supply: lease | 11. Test Hole: well ID | 12. Geothermal: how many bores? | 13. <input type="checkbox"/> Other (specify): |
|--|--|-------------------------------------|--|--|---|---|---|---|--|--|------------------------------|---------------------------------------|---|

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted:
 Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter **4** in. to **180** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **-5.4** in. Weight lbs./ft. Wall thickness or gauge No. **Sch. 80**

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify)
 Brass Galvanized Steel Concrete tile None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)

SCREEN-PERFORATED INTERVALS: From **180** ft. to **210** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **175** ft. to **213** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other **Concrete**
 Grout Intervals: From **0** ft. to **1** ft., From **1** ft. to **175** ft., From ft. to ft.

Nearest source of possible contamination:
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify) **Contaminated site**
 Direction from well? Distance from well? ft.

| 10 FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|---------|-----|--|---------------|-----|---|
| 0 | 5 | Hydroexcavated - No Sample | 133 | 143 | Clay, sandy (vf), Lt Brn to Pale Brn |
| 5 | 23 | Sand, vf-f, Yellow Brown | 143 | 154 | Caliche, sandy, V. Pale Brown |
| 23 | 34 | Clay, silty, w/vf-f sand, Yellow Brown | 154 | 168 | Clay, sandy, Yel Brn to Lt. Brn |
| 34 | 47 | Sand, AA w/thin clay stringers | 168 | 183 | Clay, w/occ. SS stringers (vf), Lt. Brown |
| 47 | 54 | Clay, w/thin SS stringers (vf) | 183 | 195 | Clay, w/Yel Brn Sand stringers (vf-m) |
| 54 | 72 | Clay, silty, sandy, Yellow Brown | 195 | 213 | Sand, vf-c, w/Lt. Gry Brn clay stringers |
| 72 | 82 | Clay, sandy, Lt. Brn w/occ. Pale Brn | Notes: | | |
| 82 | 86 | Sand, vf-c, Lt. Brown | | | |
| 86 | 133 | Clay, sandy | | | |
| | | | | | |

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) **8/29/2019** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **527**. This Water Well Record was completed on (mo-day-year) **9/4/2019** under the business name of **GeoCore, LLC**. Signature *[Signature]*

S4 - T35 - R233 - Seward



Texaco 54 & 83 / Weaver General Store, Liberal, Kansas (KDHE Project #s U1-088-00882 / U1-088-00769)

GPS Coordinates: See attached page

RECEIVED

SEP 28 2019

BUREAU OF WATER